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COMMONWEALTH OF KENTUCKY
DEPARTMENT FOR NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PROTECTION
A. L. ROARK
COMMISSIONER
FRANKFORT, KENTUCKY 40601

M E M O R A N D U M

TO: Bert L. Roark
Commissioner

FROM: Jack McClure
Executive Assistant

DATE: February 26, 1979

SUBJECT: Attached EPA Analysis Received February 26, 1979

Attached is the most recent analysis received from Water Surveillance Branch, EPA. It is for the so-called four dangerous drums that were at the Distler Farm originally and were subsequently removed by NEWCO. Copies of this information perhaps should be forwarded to Jefferson County for their information.

JM:jz

Attachment

ENVIRONMENTAL PROTECTION AGENCY
REGION IV
SURVEILLANCE AND ANALYSIS DIVISION
ATHENS, GEORGIA 30601

FEB 21 1979

REF: 4SA-WS

Mr. Jack McClure
Assistant to the Commissioner
Kentucky Department for Natural Resources
and Environmental Protection
Capital Plaza Towers
Frankfort, Kentucky 40601

Dear Mr. McClure:

Enclosed is a copy of the analytical data for a drum sample collected by Mr. Richard Stonebraker, US-EPA, which was stored at the U. S. Coast Guard office in Louisville, KY and delivered to the Region IV laboratory in Athens, GA by Mr. Larry Brannen on January 31, 1979.

The sample is very complex, and extensive time could be spent in attempting to identify and quantitate all organic compounds present.

Sincerely yours,

Michael R. Carter

Michael R. Carter, P.E.
Chief, Water Surveillance Branch

Enclosure

SAMPLE NO. 79C0167

Compound	Estimated Concentration/Range Percent
Styrene	10-20
Methyl Phenols (2 isomers)	17
Toluene	<1.0
Ethyl Benzene	1-10
Xylenes (2 isomers)	1-10
C_3 Alkyl Benzenes (3 isomers)[T]	1-10
C_4 Alkyl Benzenes (7 isomers)[T]	1-10
C_5 Alkyl Benzene[T]	<1.0
Chlorotoluene	<1.0
Dichlorobenzene	<1.0
Trichlorobenzene[T]	<1.0
C_2 Alkyl Styrene[T]	<1.0
Dicarboxyhexachloro-2-norbornene[T]	<1.0
Naphthalene	1-10
Methyl Naphthalenes (2 isomers)	1-10
C_2 Alkyl Naphthalenes (3 isomers)	1-10
C_3 Alkyl Naphthalenes (5 isomers)[T]	1-10
C_4 Alkyl Naphthalenes (2 isomers)[T]	<1.0
C_5 Alkyl Naphthalene (1 isomer)[T]	<1.0
Propenyl Naphthalene[T]	1-10
Dimethyl Tetrahydronaphthalene[T]	<1.0
Methyl Biphenyl[T]	<1.0
C_2 Alkyl Biphenyl[T] (2 isomers)	<1.0

Compound	Estimated Concentration/Range Percent
Phenol	0.91
C_2 Alkyl Phenol	<1.0
Benzaldehyde	<1.0
Dibenzothiophene[T]	<1.0
Phenylbenzylether[T]	<1.0
Phenanthrene/Anthracene	<1.0
Methyl Phenanthrene/Methyl Anthracene[T]	<1.0
C_2 Alkyl Phenanthrene/C_2 Alkyl Anthracene[T]	<1.0
C_3 Alkyl Phenanthrene/C_3 Alkyl Anthracene[T]	<1.0
Methyl Dibenzothiophene[T]	<1.0
Ethyl Quinolinium Iodide (2 Isomers)[T]	1-10
Ethyl Quinoline[T]	<1.0
Methyl Fluorene[T]	<1.0
Dimethyl Fluorene[T]	<1.0
Methylene Chloride	<1.0
Acetone	<1.0
Acrylonitrile	<1.0
Methyl Ethyl Ketone	<1.0
Acetonitrile[T]	<1.0
~40 Petroleum-Type Hydrocarbons & Other Unidentified Compounds	--

T - Tentative identification.